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CHAPTER FOUR

AMMUNITION RETAIL MANAGEMENT

SECTION 1: AMMUNITION RETAIL MANAGEMENT OVERVIEW, POLICY AND RESPONSIBILITIES

- Ref: (a) OPNAVINST 8020.14/MCO P8020.11 Series
(b) NAVSUP P-807 (Formerly NAVSEA TW010-AC-ORD-030)
(c) NAVSUP P-805 (Formerly NAVSEA TW010-AC-ORD-010)
(d) NAVSUP P-801 (Formerly NAVSEA TW024-AA-ORD-010)

4.1.1. Purpose.

This chapter provides policies and procedures associated with the actions and reporting responsibilities of operational commands that include ordnance management functions and processes that are the subject of guidance developed by Fleet Commanders in Chiefs (FLTCINCs) and Marine Corps System Command, (Program Manager for Ammunition) (MARCORSYSCOM (PMAM)) for OT Cog material. The chapter covers the ammunition evolution from initial receipt and inspection by an operational command, including the reporting of all transactions, expenditures and other losses, and/or the return of ammunition. Guidelines in this instruction are provided to ensure consistent handling of the return and control of reusable ammunition material details, non-reusable expendable cartridge cases, ammunition turn-in procedures, crossdecking of ammunition, ammunition inspection and the identification of essential documentation that prescribes standard inspection criteria and sentencing requirement to be applied by Fleet operating units, and the unique user requirements for Cartridge Actuated Devices/Propellant Actuated Devices (CADs/PADs), Sonobuoys, and Torpedoes.

4.1.2. Background.

Navy operating forces and Marine operating units receive, issue, assemble/disassemble, store and sentence ammunition. These actions, properly executed, contribute to safe storage and improved asset visibility and accountability. Due to the hazardous nature of this material, standard policies and processes have been developed in compliance with reference (a) to preserve a safe environment.

4.1.3. Scope.

This chapter applies to Navy, Marine Corps Air Station, and Coast Guard operating units ashore and afloat to include all Naval Activities and ships that store/hold OT Cog material.

4.1.4. Policy.

a. Reference (b) provides ammunition inspection criteria and sentencing requirements for use by all Navy, Marine, and Coast Guard operating units. OT Cog inspection criteria and sentencing requirements are coordinated with MARCORSYSCOM (PMAM). Stockpoints perform receipt inspection in accordance with reference (c) on all For Further Transfer (FFT) material originating from Ship offload and destined FFT to other activities to ensure it is safe for transportation.

b. Operational Unit Transaction Reporting. Since accurate and timely transaction reporting is an essential element in maintaining Total Asset Visibility (TAV), Ammunition Transaction Reporting (ATR) activities share responsibility with Naval Ammunition Logistics Center (NAVAMMOLOGCEN) for the accuracy and timeliness of the stock status and location information reported into the Conventional Ammunition Integrated Management System (CAIMS) records.

c. Ammunition Crossdecking and Other Transfers.

(1) All opportunities for the crossdecking of serviceable ammunition between combatants or mobile logistics force ships are pursued based on an analysis that determines cost effectiveness and safety. Analysis of each potential evolution includes a review of asset availability, unfulfilled requisitions, and the extent of cost avoidance possible.

(2) All ammunition will be transferred ashore or crossdecked to another ship in preparation for a ship overhaul or other maintenance requirements.

d. Maintenance Due Date (MDD) and Expiration Date Utilization. MDD and Service Life information will be used by Stockpile Managers to maximize the availability of assets and minimize the movement of material by extending the utilization of serviceable material through crossdecking or identifying FFT assets to other operating units. OT Cog missiles with humidity indicators that are white above the 30 percent mark are not considered serviceable assets.

e. Ship Offload/Turn-in.

(1) Ships will submit an offload coordination message to the offload receipt activity and info MARCORSYSCOM (PMAM) for OT Cog material at least 45 days before offload and will request that the offload activity host an offload coordination meeting if needed.

(2) Ammunition will be inspected and sentenced by offloading ships in accordance with reference (b) prior to or during offload. Ordnance details will be offloaded to ordnance activities or CLF ships to prevent the unnecessary expenditure of procurement funds for replenishment.

f. CADs/PADs Local Stock Control. The local stock control procedures in support of CADs/PADs contained in this chapter are applicable to aviation squadrons, maintenance activities, Marine Aviation Logistics Squadrons (MALs), Aircraft Intermediate Maintenance Departments (AIMD), weapons departments, ordnance departments, weapon stations, Naval Aviation Depots (NADEP) both contractor and Navy, Aviation Life Support System (ALSS) and ships. The NAVAMMOLOGCEN, NAVAMMOLOGCEN Ammunition Management Office, Atlantic (AMMOLANT) Norfolk, VA, NAVAMMOLOGCEN Ammunition Management Office, Pacific (AMMOPAC) San Diego, CA, Type Commanders (TYCOMs), and FLTCINCs monitor to ensure compliance with these procedures.

4.1.5. Responsibilities.

a. FLTCINCs and Other Major Claimants:

(1) Determine data and information requirements that will permit effective management of Fleet ordnance assets and submit requirements for modifications to NAVAMMOLOGCEN.

(2) Provide guidance, policy and direction to operation commands for the monitoring of required reporting requirements in compliance with this publication.

(3) Schedule entire offloads of ordnance allowance assets to nearest Continental United States (CONUS) primary stock point for those ships entering port for emergency repair work or shipyard availability and inform MARCORSYSCOM (PMAM) anytime OT Cog assets are downloaded for any reason.

b. TYCOMs and Logistics Agents:

(1) Provide certification of operational necessity and Fleet Commander's authorization for ordnance transfer in those instances when ships must transfer assets ashore for temporary storage.

(2) Forward recommendations for changes and modifications of this publication to the appropriate CINC with information copy to NAVAMMOLOGCEN.

(3) Provide approval to implement crossdecking when analysis and schedules indicate potential cost savings and weapons availability improvement.

c. Ammunition Custodians and Reporting Activities:

(1) Maintain an accurate stock balance record for each on-hand ammunition item that is assigned a National Stock Number (NSN) or a locally assigned stock number. A separate record will be maintained by National Item Identification Number (NIIN), Ownership Code/Purpose Code/Activity Classification Code (ACC), Condition Code, and physical location of the item. A lot or serial record will also be maintained for those items that have lot or serial numbers assigned. The lot/serial record will also include the Maintenance Due Date (MDD) and Type Maintenance Due, Type Container Code and the Expiration Date when assigned. All transactions required as a result of receipt, issue, expenditure, assembly, disassembly, renovation, test, inspection, production, disposal and inventory functions will be posted to the local record. Reportable transactions will be reported to CAIMS by ATR/TIR and OT Cog assets will be reported to MAARS II by Transaction Item Reporting (TIR) in the timeframes specified in this publication.

(2) Comply with Military Standard Requisitioning and Issue Procedures (MILSTRIP) prescribed return procedures using properly formatted MILSTRIP documentation, DD Form 1348-1A, in electronic or hard copy, to process and track all ordnance transferred to other activities afloat or ashore.

(3) Comply with theater-unique return procedures contained in Fleet/TYCOMs logistics directives.

(4) Comply with ordnance safety, security and environmental compliance requirements in preparing material for transfer to other activities in accordance with reference (a).

(5) Promptly turn-in excess serviceable or unserviceable ordnance assets and residual, reusable ordnance details, to the nearest ordnance activity ashore or UNREP ship (AE/AOE/AOR/AO).

(6) Physically identify ordnance material that has been reclassified as indicated in reference (d) to prevent unintentional use of unserviceable or suspended items and to identify limitations or restrictions on the use of serviceable items. Report all changes effecting OT Cog assets by TIR.

d. Primary and Secondary Stockpoints will:

(1) Report receipts of turned-in ordnance assets to NAVAMMOLOGCEN and MARCORSYSCOM (PMAM) for OT Cog assets in accordance with transaction reporting procedures.

(2) Request shipping destinations from NAVAMMOLOGCEN and MARCORSYSCOM (PMAM) for OT Cog assets for accumulated ordnance, which will be shipped by earliest available surface transportation to the appropriate consignee.

e. NAVAMMOLOGCEN will:

(1) Approve TIR and ATR reporting designations.

(2) Develop and maintain inspection procedures, less OT Cog material, for receipt, storage and issue of Navy and Marine Corps Conventional Ammunition in support of ammunition processing at stockpoints. Publish references (b) and (c) in coordination with FLTCINCs establishing standard inspection criteria and sentencing requirements for all ammunition at shore-based ammunition stockpoints and establishing standard inspection criteria and sentencing requirements for all ammunition at Fleet and other operating force units (ashore and afloat). OT Cog inspection procedures will be developed and coordinated with MARCORSYSCOM (PMAM).

(3) Implement total asset visibility over assets moving between and into worldwide stocking activities.

(4) Mechanically summarize ATR reports submitted by reporting activities and consolidate with report data provided by the TIR stockpoints to develop worldwide visibility of assets. Develop processes that will permit comparison and adjustment of CAIMS inventory balances recorded for the reporting activity and identify missing sequential ATR reports.

(5) Maintain and publish approved list of current ATR reporters in this publication.

(6) Develop and maintain a quality control program to promptly identify and correct errors and inconsistencies in ATR reporting.

f. NAVAMMOLOGCEN AMMOLANT Norfolk, VA and NAVAMMOLOGCEN AMMOPAC San Diego, CA:

(1) Analyze the potential effectiveness of candidate crossdeck evolutions and coordinate crossdecking.

(2) Publish crossdeck guidance messages to ships that will supply the ammunition and provide specific direction on which assets and asset quantities are to be transferred, when and where the ammunition will be transferred, and what assets are to be retained onboard.

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SECTION 2: FLEET AMMUNITION RECEIPT INSPECTION AND TRANSACTION REPORTING PROCEDURES

- Ref: (a) NAVSUP P-805 (Formerly NAVSEA TW010-AC-ORD-010)
 (b) NAVSUP P-807 (Formerly NAVSEA TW010-AC-ORD-030)
 (c) OPNAVINST 5530.13 Series

4.2.1. Introduction.

Fleet units receive ammunition as Serviceable, Ready For Issue (RFI), Material Condition Code "A", "B", or "C" or Suspended, RFI - Emergency Combat (Condition Code "N"). Material Condition Codes are defined in Appendix D of references (a) and (b) and provided in Chapter 11 of this publication. The receiving unit performs an inspection of this ammunition in accordance with reference (b). The receiving unit will not reject or refuse receipt of this ammunition except when required using the criteria cited in reference (c).

4.2.2. Operational Unit Receipt Inspection Procedures.

a. Prior to operating unit receipt of ammunition, issue inspections are performed by the issuing stockpoint in accordance with reference (a), or, the transferring operational command will perform the inspections required by reference (b).

b. In instances where operating units receive ammunition such as "turn-ins" of ammunition previously issued for purposes of immediate, imminent, or potential expenditure during combat, exercise, or training and therefore previously reported as "expended", these assets will be reported as a "gain" when "turned-in." The capability to maintain identification and control of ammunition following its issue, particularly if unpacked, is extremely difficult. Therefore, returned ammunition must be considered as "unidentified-unsentenced". The receiving unit will perform receipt inspection of this ammunition in accordance with reference (b).

c. Ammunition Transaction Reports (ATRs) are submitted by Naval message by Fleet activities that are not on the Transaction Item Reporting (TIR) system. ATRs are submitted on an "as-occurring" basis within 24 hours after the occurrence of a reportable transaction. Under ATR reporting procedures, the day's transactions and the opening and closing balances are reported by Department of Defense Identification Code/(DODIC)/Navy Ammunition Logistics Code/National Item Identification Number (DODIC/NALC/NIIN) for each active item. Instructions for the preparation and submission of ATRs are provided in Chapter 2 Section 3 of this publication.

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SECTION 3: AMMUNITION CROSSDECK AND OTHER TRANSFER PROCEDURES

Ref: (a) NAVSUP P-807 (Formerly NAVSEA TW010-AC-ORD-30)

Attachments: (4-1) Sample Crossdeck Shopping Guide Message
 (4-2) Sample NAVAMMOLOGCEN AMMO Office Guidance Message
 (4-3) Sample Crossdeck MILSTRIP Message

4.3.1. Introduction.

The crossdeck process ensures critical ammunition assets remain deployed and maintained in a Ready For Issue (RFI) Condition Code. Major cost avoidance in Receipt, Segregation, Storage and Issue (RSS&I) and Service Wide Transportation (SWT) funds result from crossdecking ammunition from ship to ship. This is accomplished by eliminating double handling ashore, and reducing transportation costs normally incurred with ship loading and offloading evolutions. The crossdeck operation is very intensive and planning is critical for success. The evolution is planned several weeks in advance of the scheduled event date to ensure all aspects are thoroughly coordinated. Other transfer evolutions for selected assets are transferred through redistribution between stocking and/or holding sites in order to improve strategic positioning, conform to and correct deficiencies in load plans and allowance lists, reallocate excesses to activities with shortages, and/or move surplus assets to designated demil/disposal sites.

4.3.2. Ammunition Crossdeck Procedures.

The Naval Ammunition Logistics Center, Ammunition Management Office, Norfolk, VA (NAVAMMOLOGCEN AMMOLANT) and Naval Ammunition Logistics Center, Ammunition Management Office, San Diego, CA (NAVAMMOLOGCEN AMMOPAC) analyze the potential effectiveness of the crossdeck after a review of outstanding documents, asset availability and potential cost avoidance. The following actions are required based on this assessment:

a. The estimated cost savings and projected asset availability improvement of a candidate crossdeck evolution is established prior to execution. Upon approval to proceed by the Type Commander (TYCOM), designated ships will be directed by the TYCOMs to conduct the crossdeck evolution. Only known serviceable assets will be transferred. Unserviceable assets will be maintained onboard to be offloaded to a shore activity or offloaded to an AOE. Ship Self Defense ammunition will be retained onboard.

b. The ship supplying the ammunition publishes a Retail Ordnance Logistics Management System (ROLMS) generated shopping guide that reflects all RFI assets held in each account. Serviceability criteria for ammunition to be crossdecked is provided in reference (a). The shopping guide contains the following: Navy Ammunition Logistics Code (NALC), Federal Supply Class (FSC), National Item Identification Number (NIIN), Cognizance Code (Cog), Activity Classification Code or Purpose Code, Condition Code, Nomenclature and Quantity available if desired. Assets with a Maintenance Due Date (MDD) must be reviewed and the MDD calculated to ensure the assets will complete the deployment cycle of the receiving ship. OT Cog missiles with humidity indicators that are white above 30 percent mark are not considered to be serviceable assets and will not be crossdecked. Whenever, OT Cog munitions are being crossdecked Marine Corps Systems Command (Program Manager for Ammunition) (MARCORSYSCOM (PMAM)) is included as an information addressee. Ships that

are tasked to crossdeck ammunition without ROLMS capability will generate a Naval message in the format of Attachment (4-1).

c. The NAVAMMOLOGCEN AMMOLANT Norfolk, VA and NAVAMMOLOGCEN AMMOPAC San Diego, CA make initial recommendations to the TYCOMs after an analysis that projects the cost avoidance possibilities and the potential improvement in readiness. Based upon these recommendations, the applicable TYCOM may direct designated ships to conduct a crossdeck evolution. TYCOMs include Commander, Marine Forces Atlantic and Pacific, as appropriate and shall be consulted when OT Cog assets are involved.

d. Ships designated to receive crossdecked ammunition will submit a formatted Naval message utilizing the published shopping guide. These Military Standard Requisitioning and Issue Procedures (MILSTRIPs) will contain the Unit Identification Code (UIC) of the supplying ship as the supplementary addressee. MILSTRIPs that cannot be sourced against the supplying ship's shopping guide will use a coastal weapon support facility UIC as the supplementary addressee to permit auto sourcing through CAIMS.

e. The NAVAMMOLOGCEN AMMOLANT Norfolk, VA and NAVAMMOLOGCEN AMMOPAC San Diego, CA will publish a guidance message to the ship supplying the ammunition with specific direction on which assets and what quantities are to be transferred, when and where the ammunition will be transferred, and what assets are to be retained onboard. Attachment (4-2) provides a sample NAVAMMOLOGCEN AMMO Office guidance message. Normally only RFI assets are transferred; ship's self defense, safety at sea and non-RFI assets are to be offloaded to a shore activity or to a T-AE/AOE.

f. Upon receipt of the guidance message from the NAVAMMOLOGCEN AMMO Office, the ship designated to receive the ammunition submits its requisition via a Naval message utilizing the published shopping guide. These MILSTRIPs contain the UIC of the supplying ship as the supplementary addressee and utilize an "N2" advice code to designate the crossdeck evolution. Attachment (4-3) provides a sample crossdeck MILSTRIP message.

NOTE

For MILSTRIPs that cannot be sourced against the supplying ship's shopping guide, use the activity UIC where the crossdeck evolution will be conducted as the supplementary addressee and do not use the "N2" advice code. When OT Cog material is affected ensure MARCORSYSCOM (PMAM) and the Marine Corps Liaison Officer (MCLO) of the respective on-load activity are included as an information addressee.

g. The crossdeck program in CAIMS is used to facilitate the process for all requisitioners/suppliers of ammunition that possess a Routing Identifier Code (RIC) and a UIC. A RIC is a three position alphanumeric identifier unique to a UIC. Using the CAIMS crossdeck program enhances asset visibility and inventory accuracy. A mechanized status message using the document identifier code of "AE" is sent to the requisitioner and supplier of the material via NAVAMMOLOGCEN. NAVAMMOLOGCEN AMMOLANT Norfolk, VA and NAVAMMOLOGCEN AMMOPAC San Diego, CA and Ship Requisitioners ensure that all ordnance requisitions filled by crossdecking evolutions are processed using a "N2" Advice Code.

h. Upon completion of the crossdeck evolution, CAIMS will be utilized to search records to ensure both an issue and receipt transaction have been made on each document number.

The documents missing an issue or receipt transaction will be flagged for review by the appropriate AMMO Office.

i. Ammunition accountability is one of the biggest problems encountered during this type of ammunition operation. All ammunition is to be transferred with a typed DD Form 1348-1A. Experience has shown that hand-written or altered documentation results in numerous accounting errors and wasted man-hours recounting ammunition. Therefore, handwritten DD Form 1348-1As are strongly discouraged. Ships capable of disk-to-disk transfer should exchange ROLMS diskettes to reflect due in/due out documents and aid in inventory accuracy.

4.3.3. Other Ammunition Transfer Procedures.

a. Unserviceable ammunition is transferred through retrograde to designated maintenance facilities or collection points in accordance with the Master Repairable List (MRL) described in Chapter 5 Section 6 of this publication.

b. Selected assets are transferred through rollback from Outside Continental United States (OCONUS) to Continental United States (CONUS)/Inland Storage sites incident to post-combat clean-up operations, changes in strategic planning and related theater positioning decisions, or changes in forces agreement and treaties.

c. Proper preparation and packing, accurate marking and labeling, and complete shipping documentation for ammunition to be transferred, are the responsibility of the transferring, not the receiving activity. The safe, secure and efficient receipt and subsequent processing of Fleet-returned ordnance is jeopardized whenever transferring activities do not comply with these requirements.

SAMPLE CROSSDECK SHOPPING GUIDE MESSAGE

CLASSIFICATION MARKINGS ARE FOR TRAINING PURPOSES ONLY

RTTCZYUW RUWFSGG0810-CCCC—RUWFAEP RHMCSUU.
 ZNY CCCCC
 R090810Z DEC 99 ZYB
 FM USS NEVERSAIL
 TO NAVAMMOLOGCEN AMMOPAC SAN DIEGO CA//0331//
 USS UNDERWAY
 INFO OPERATIONAL CHAIN OF COMMAND
 BT
 C O N F I D E N T I A L // N08000//
 MSGID/GENADMIN/USS TARAWA/WEPS//
 SUBJ/CONVENTIONAL AMMUNITION SHOPPING GUIDE
 REF/A/RMG/AMMOPAC/150800Z NOV 98//
 AMPN/REF A IS AMMOPAC MSG RQST AMMO SHOPPING GUIDE//
 POC/P. USS WARRIOR/SN/556-8509//
 RMKS/ 1. IAW REF A THE FOL SHOPPING GUIDE IS SUBMITTED
 PART 1: SHIPFILL SERVICEABLE

NALC	NIIN	ONBD	QTY	CONDITION CODE MDD
------	------	------	-----	--------------------

 PART 2: MISSION LOAD ALLOWANCE

NALC	NIIN	ONBD	QTY	CONDITION CODE MDD
------	------	------	-----	--------------------

 PART 3: EOD

NALC	NIIN	ONBD	QTY	CONDITION CODE
------	------	------	-----	----------------

 PART 4: L-FORM

NALC	NIIN	ONBD	QTY	CONDITION CODE MDD
------	------	------	-----	--------------------

 PART 5: SPECWAR

NALC	NIIN	ONBD	QTY	CONDITION CODE MDD
------	------	------	-----	--------------------

 2. (C) ORIG WILL OFFLOAD THE FOL AMMO TO USNS SEALIFT FFT USS CARRIER ON NEXT SKED
 LOAD ADJUST:

NALC	NIIN	NOMEN	QTY
------	------	-------	-----

 3. (C) ORIG INTENDS TO EXPEND THE FOL NCEA ASSETS (NOT LISTED ABOVE) FOR TRAINING

NALC	NIIN	NOMEN	QTY
------	------	-------	-----

 4. (C) ORIG WILL ADVISE ALCON UPON ARRIVAL CONUS OF REMAINING NCEA ASSETS
 AVAILABLE.//
 DECL/DG//
 BT

SAMPLE NAVAMMOLOGCEN AMMO OFFICE GUIDANCE MESSAGE

CLASSIFICATION MARKINGS ARE FOR TRAINING PURPOSES ONLY

RTTUZYUM RUWFSGG0800 3200800-UUUU—RUWFAEP RHMCSUU.
ZNR UUUUU
R 150800Z OCT 99 ZYB
FM NAVAMMOLOGCEN AMMOPAC SAN DIEGO CA //00312//
TO USS NEVERSAIL
USS UNDERWAY
INFO OPERATIONAL CHAIN OF COMMAND AND SUPPORTING AGENCIES
BT
UNCLAS //N08000//
MSGID/GENADMIN/AMMOPAC/00312//
SUBJ/REQ FOR AMMUNITION SHOPPING, CROSSDECK GUIDANCE
REF/AMTG/CNSP/13NOV96//
REF/B/DOC/NAVSUP P-724//
NARR/REF A IS MTG BTWN COMNAVSURPAC AND AMMOPAC DISCUSSING OPTIMUM METHOD OF
ONLOADING /OFFLOADING L-CLASS SHIPS. REF B IS NAVSUP P-724 CONVENTIONAL ORDNANCE
STOCKPILE MANAGEMENT.//
POC/M. SAILOR/CWO3/00312/-/TEL:619-123-4567//
RMKS/1. FOR USS NEVERSAIL: IOT SUPPORT REF ORDNANCE DOWNLOAD AND CROSSDECK VIA
HH-46 ACFT REQ THE FOL:
A. PROVIDE AN UPDATED AMMO SHOPPING GUIDE TO PELELIU, INFO ALCON, NLT 01
DEC99 AS FOL:
- LIST ALL RFI ASSETS HELD IN EACH ACCOUNT BY NALC, NIIN, QTY, C/C, MDD.
- DO NOT INCLUDE NON-RFI ASSETS.
- DO NOT INCLUDE MISSILES WITH MDD OF 03/99 OR LESS.
- DO NOT INCLUDE MISSILES WITH HUMIDITY INDICATORS THAT ARE WHITE ABOVE 30
PERCENT MARK.
- DO NOT INCLUDE SHIPFILL RQMTS NEEDED FOR SAFETY/SELF-DEFENSE.
B. RQST ALL FFT AMMO FOR XFER TO USS UNDERWAY BE CLEARLY MARKED (RECOMMEND ALL
PALLETS HAVE 8x10 PLACARDS) FOR ACCURATE AND EASY IDENTIFICATION BY ALCON.
2. FOR USS UNDERWAY: UPON RECEIPT OF AMMO SHOPPING GUIDE, SUBMIT AMMO MILSTRIPS
NLT 20 DEC FOR RQMTS. UTILIZE FOL DATA IN AMMO MILSTRIPS TO ENSURE CORRECT
SUBMISSION OF MILSTRIPS AGAINST SHOPPING GUIDE.
A. SUPADD: R20550 (USS NEVERSAIL)
B. ADVICE CODE: N2
C. RDD031
D. ORDER ALL OTHER AMMUNITION THAT IS NOT LISTED IN SHOPPING GUIDE AND
REQUIRED TO MEET ALLOWANCES PER REF B.//
BT

SAMPLE CROSSDECK MILSTRIP MESSAGE

RTTUZYUW RUWFSGG0800 3450800-UUUU—RUWFAEP RHMCSUU.
ZNR UUUUU
R 100800Z DEC 99 ZYB
FM USS UNDERWAY
TO NAVAMMOLOGCEN MECHANICSBURG PA
INFO OPERATIONAL CHAIN OF COMMAND
NAVAMMOLOGCEN AMMOPAC SAN DIEGO CA//003//
NAVAMMOLOGCEN AMMOLANT NORFOLK VA//003//
USS NEVERSAIL
BT
UNCLAS //N08010//
MSGID/ GENADMIN//
SUBJ/ AMMO MILSTRIP REQN FOR CROSSDECK
A0DNCBF1W73012188419 EA00100R0720262208000 R20550JY6K2E87713260N2//
BT

SECTION 4: AMMUNITION OFFLOAD PROCEDURES

- Ref: (a) NAVSUP P-807 (Formerly TW010-AC-ORD-030)
 (b) OPNAVINST 3100.6 Series
 (c) DoD 4000.25-1-M
 (d) NAVSUP P-805 (Formerly TW010-AC-ORD-010)

Attachment: (4-4) Typical Stockpoint Offload Coordination Message
 (4-5) Vertical Launch System (VLS) Packaging, Handling, Storage and Transportation (PHS&T) Material Listing

4.4.1. Introduction.

Information on the true material condition and quantity of non-nuclear conventional ordnance is maintained throughout deployment (from receipt through return or turn-in) using the Retail Ordnance Logistics Management System (ROLMS). Reference (a) provides criteria for sentencing ammunition whose serviceability may have changed during deployment and for identifying ammunition that may be retained as fully serviceable. Proper adherence to turn-in and ammunition sentencing procedures saves both manpower and money. Compliance with these procedures will maximize the retention of serviceable ammunition in the operational environment, where they are needed most, and will minimize the effort required to make valid material condition determinations for ammunition turned-in/returned to stockpoints.

4.4.2. Ship Offload Planning Procedures.

a. Ships submit an offload coordination message to the receiving activity with info copy to NAVAMMOLOGCEN AMMOLANT//NORFOLK//VA //003// or NAVAMMOLOGCEN AMMOPAC//SAN DIEGO//CA//003//NAVAMMOLOGCEN//PA //431//) at least 45 days before offload. This message must identify offload location and date(s) and the following ammunition information:

- (1) ACC if other than "A".
- (2) NALC/DODIC/NIIN.
- (3) Nomenclature.
- (4) Lot Number.
- (5) Serial Number and Maintenance Due Date(s) (MDDs) for missiles and CADs.
- (6) QTY.
- (7) Condition Code and Defect Codes on unserviceable material.
- (8) Any applicable NARs
- (9) Remarks (as required).

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b. Disposition of all unserviceable material will be provided by NAVAMMOLOGCEN MECHANICSBURG directly to NAVAMMOLOGCEN AMMOLANT/PAC via message or E-mail.

c. Offloading activities will review load plan to determine if serviceable material can be retained as onhand stock. Offloading activities submit disposition requests for serviceable material in excess of load plan by message or email directly to NAVAMMOLOGCEN AMMOLANT NORFOLK VA//003// or NAVAMMOLOGCEN AMMOPAC SAN DIEGO CA//003// with information copy to NAVAMMOLOGCEN MECHANICSBURG PA//431//.

d. AMMOLANT/PAC will provide disposition for all (serviceable and unserviceable) material after receiving inputs from NAVAMMOLOGCEN MECHANICSBURG and offloading activity. Disposition will be provided via naval message to offloading activity. Disposition will be provided via naval message to offloading unit with information copy to the offloading activity and all activities receiving material. Offloading units will utilize own ship document numbers to maintain data integrity.

e. Stockpoints may provide guidance regarding planned ship offloads that will contribute to safe offload operations and maintain accurate accountability of offloaded ammunition. When practical, the offload activity will host an offload coordination conference. During the conference, a specific time will be established for handling Security Risk Category I and II material. Ships will provide representatives to conduct a 100 percent inventory with offload activity representatives. A typical stockpoint offload coordination message is provided as Attachment (4-4). When conducting Connected Underway Replenishment (CONREP), a signed, original copy of the DD Form 1348-1A will be provided to the issuing unit prior to completion of the CONREP operation.

f. Quantity, lot number and serial number discrepancies will be annotated and immediately corrected during the 100 percent inventory count. In case of discrepancies between ship records and the offloaded Category I and II ordnance, the ship will report the loss or gain and prepare a message in OPREP-3 Navy Blue message format in accordance with reference (b).

g. DD Form 1348-1A is used to document the turn-in of ammunition and ammunition details. A separate DD Form 1348-1A is required for the transfer of each item of ammunition (National Item Identification Number (NIIN), Activity Classification Code (ACC), and Condition Code) including ammunition details. Almost all activities will have a ROLMS system that will print the DD Form 1348-1A directly from the database. Hand written DD Form 1348-1As are strongly discouraged. They are the cause of many accountability and identification problems. In addition to the DD Form 1348-1A, ships with ROLMS will provide a floppy disk with information on all the ordnance being transferred. Reference (c) provides procedures for preparing a DD Form 1348-1A turn-in document.

h. For all offloads, the offloading activities will requisition any Packaging, Handling, Storage and Transportation (PHS&T) equipment required. PHS&T equipment includes containers, pallet adapters, dollies, etc. The offload message will contain information outlined in 4.4.2(a). The ship should liaison with the receiving activity for any special requirements. Attachment (4-5) provides a list of PHS&T material for Vertical Launch System (VLS). All Gas Management System requirements will be ordered by VLS Ships.

i. All sonobuoys will be turned into the local Fleet Industrial Support Center (FISC) or Defense Depot, with the exception of SSQ110 (NALC 8W77) which contains high explosives and must be turned into a coastal weapons facility or Fleet ammunition activity.

4.4.3. Ship Offload Procedures.

a. Empty Hazardous Material (HAZMAT) containers and reusable containers intended for packaging, storage and/or shipment of Ammunition, Explosives and other Dangerous Articles (AEDA) retained for reuse are 100 percent inspected, sealed, and sentenced in accordance with reference (a) before offload, in order to certify their empty condition. All markings describing the former contents shall be obliterated and the container stenciled or tagged "EMPTY". Other ammunition details shall be identified as "INERT" and sentenced in accordance with reference (d) after offload.

b. Security Risk Categories I and II Material are pilferable and pose a security threat should it be obtained by unauthorized users. Strict security and accountability procedures are required to prevent theft and ensure custody can be traced. The following procedures will be carefully followed:

(1) Offloading ships will ensure all Security Risk Categories I and II material is packaged and handled separately. A list of Security Risk Categories I and II material that includes NALC, QTY, serial and/or lot number and document number, are required to be provided to the receiving activity no later than seven days prior to offload. Quantity and serial number discrepancies will be annotated and immediately corrected.

(2) Material Other than Security Risk Categories I and II. Ships are required to maintain the correct identification of their ammunition, including its true material condition, through on-going sentencing of the ammunition in accordance with reference (a). Adherence to reference (a) will result in a more orderly offload and fewer discrepancies noted by the receiving activity.

c. When receipt inspection is performed by the receiving activity while the offloading ship is still present, discrepancies identified will be reported and the ship will be responsible to correct any and all discrepancies on the turn-in documents and for reporting any losses or gains, including submission of any required OPREP-3 Navy Blue messages or Supply Discrepancy Report (SDR). MARCORSYSCOM (PMAM) will be included as an addressee on any report effecting the accountability of OT Cog assets.

d. A Issue/Receipt Document, DD Form 1348-1A, must be prepared for each NIIN and ACC in each Condition Code. If continuation sheets are needed, use another DD Form 1348-1A. Specific instructions follow:

(1) Notice of Ammunition Reclassification (NAR) data must be entered along with applicable lot/serial number in block 27.

(2) Issuing activity retains the original. Copies will be delivered as soon as possible, and always before departure.

(3) Turn in documents, on-board records, material condition tags/labels must agree on the proper identification and Condition Code of material turned-in/off-loaded. Shore activities

and Combat Logistics Force (CLF) ships will make sure the material condition tags/labels are kept permanently affixed to the pallet, boxes, or containers.

(4) DD Form 1348-1As will be marked with the final destination of For Further Transfer (FFT) ordnance. CLF ships shall report via Ammunition Transaction Reporting (ATR), that the ordnance is on-board using Transaction Code "P" and are required to produce a new DD Form 1348-1A to transfer the ordnance perpetuating all pertinent data, including document number, NIIN, quantity, ACC/Ownership/Purpose, Condition Code, piece number, weight and cube.

4.4.4. Temporary Storage and Custody Procedures.

a. Ordnance offloaded from ships for temporary storage ashore in appropriate circumstances, such as short-term emergency ship repair, are strictly accounted for as follows:

(1) Offloaded ordnance must continue to be carried on the ship's stock records while in temporary storage.

(2) The receiving shore activity must store the ordnance load separately from its own local stocks.

b. The receiving shore activity will subsequently return the identical ordnance assets that were turned in without receipt or issue transactions being reported, and without inspection or sentencing being conducted.

c. For temporary storage at a Fleet activity, a message request is forwarded to the appropriate Type Commander (TYCOM).

d. For Marine Corps (Class V(A) and V(W)) ammunition, information copies to Marine Forces Atlantic (MARFORLANT)/ Marine Forces Pacific (MARFORPAC) are required.

e. All requests must include the duration, usually no more than 30 days, and the reason for the temporary storage request. Information copies of the requesting message are addressed to:

(1) Commander in Chief Atlantic Fleet (CINCLANTFLT), Commander in Chief Pacific Fleet (CINCPACFLT), Commander U.S. Navy Central Command (COMUSNAVCENT) or Commander in Chief U.S. Navy Europe (CINCUSNAVEUR) for storage in their area of responsibility.

(2) The desired coastal weapons activities or Fleet storage activity.

(3) Appropriate chain of command.

f. TYCOMs will liaison with NAVAMMOLOGCEN Ammunition Management Office, Atlantic (AMMOLANT) Norfolk, VA and NAVAMMOLOGCEN Ammunition Management Office, Pacific (AMMOPAC) San Diego, CA on the feasibility of the request for storage at coastal weapons facilities.

g. If approved, the requesting ship advises the offload site what ordnance will be temporarily stored and the period of temporary storage.

h. Each item of ammunition (NIIN, ACC, and Condition Code), requires a separate DD Form 1348-1A.

i. ATRs are not required for temporary storage. The ship remains responsible for checking ordnance in temporary storage against NAR messages and making appropriate reports. If a NAR changes the Condition Code of ordnance being temporarily stowed, the ship will contact NAVAMMOLOGCEN AMMOLANT Norfolk, VA or NAVAMMOLOGCEN AMMOPAC San Diego, CA to assist in obtaining replacements for the affected ordnance and the ship will send a message to the holding activity advising disposition of the material.

j. The storing activity must keep temporary stowed material physically separated from other ordnance, though it may be in the same magazine. The storage activity must pick up material in Ownership Code "3" recording quantities, Condition Codes and lot/serial numbers as listed on the DD Form 1348-1A. Ownership Code definitions can be found in Attachment (2-14).

k. If circumstances indicate the temporary storage period will exceed 30 days and a waiver is not granted to extend the storage period:

(1) The ship will inform the appropriate Commander in Chief (CINC), TYCOM, NAVAMMOLOGCEN AMMO Office and storage activity.

(2) The ship will send ATRs issuing the material to the storing activity.

(3) The storing activity will receive the ordnance into stock via TIRs/ATRs.

(4) The ship will requisition ordnance per authorized allowance/allocation.

4.4.5. Coast Guard Returns/Offload Procedures.

a. All ammunition offloaded at Ordnance Storage activities by Coast Guard units must be accompanied by a DD Form 1348-1A document and must have been sentenced in accordance with reference (a) by the offloading unit. The offload will be processed in the same manner as material offloaded by U. S. Navy units. The material will be receipted as follows:

(1) All receipts of Coast Guard documents for ammunition above .50 caliber, except 40 MM saluting rounds and pyrotechnics, will be processed to Navy stock as Purpose Code "A". Purpose Code definitions can be found in Attachment (2-13).

(2) All receipts of Coast Guard documents for ammunition .50 caliber and below, 40 MM saluting rounds and pyrotechnics, will be processed to Coast Guard stock, Ownership Code "7". Ownership Code definitions can be found in Attachment (2-14).

(3) Commandant U. S. Coast Guard (G-OCU) will advise NAVAMMOLOGCEN regarding the return of serviceable surplus ammunition to the Navy. Coast Guard owned obsolete and unserviceable material will be disposed of, in accordance with Navy directives, without cost or reimbursement to the Coast Guard.

TYPICAL STOCKPOINT OFFLOAD COORDINATION MESSAGE

R 101500Z AUG 00
 FM LANTORDCOM DET EARLE COLTS NECK NJ//E27/271/2712//
 TO USS ARCTIC
 INFO NAVAMMOLOGCEN AMMOLANT NORFOLK VA//003/0032/00311//
 NAVAMMOLOGCEN MECHANICSBURG/PA//04/431//
 COMLOGRON TWO
 LANTORDCOM YORKTOWN VA//280/2802/28212//
 CINCLANTFLT NORFOLK VA//N411
 BT
 UNCLAS//N08000//
 MSGID/FENADMIN/AOC DET EARLE//
 SUBJ/AMMO OFFLOAD
 REF/A/DOC/CINCLANTFLT/15MAR98//
 REF/B/DOC/NAVSUP/21DEC99//
 REF/C/DOC/NAVSUP/01JAN99//
 REF/D/DOC/NAVSUP/01JAN98//
 AMPN/REF A IS CINCLANTFLTINST 8010.12B, ATLANTIC FLEET CONVENTIONAL ORDNANCE
 MANAGEMENT. REF B IS NAVSUP P-724, CONVENTIONAL ORDNANCE STOCKPILE MANAGEMENT
 POLICIES AND PROCEDURES. REF C IS NAVSUP P-805, INSPECTION REQUIREMENTS FOR RECEIPT,
 SEGREGATION, STORAGE AND ISSUE OF NAVY MARINE CORPS REF D IS NAVSUP P-807/P-808,
 INSPECTION REQUIREMENTS FOR RECEIPT, SEGREGATION, STORAGE AND ISSUE OF NAVY AND
 MARINE
 CORPS CONVENTIONAL AMMUNITION FOR FLEET SENTENCING.//
 NAME(S)/CODE/ACTIVITY/TEL/EMAIL.
 RMKS:/1. ORIG LOOKS FORWARD TO YOUR AMMO OFFLOAD SKED SEPTEMBER 6
 2. IOT ENSURE ACCURATE ACCOUNTABILITY AND EXPEDITE OFFLOAD OPERATIONS A DD FORM
 1348-1A MUST BE PREPARED FOR EACH TURN-IN ITEM IAW REF A, CHAPTER 2. IT IS IMPERATIVE
 THAT ALL PAPERWORK AND LOGBOOKS INCLUDING TWO COPIES OF DD FORM 1348-1A
 PERTAINING TO MATERIAL TO BE OFFLOADED BE COMPLETED IAW REF B AND AVAILABLE FOR
 TRANSFER AT THE OFFLOAD CONFERENCE, EMPTY HAZARDOUS MATERIALS CONTAINERS MUST
 BE MARKED EMPTY AND SEALED WITH TRACEABLE SEALS,IAW REFS C AND D.
 3. AOC DET EARLE WILL PROVIDE A CHECKER AT EACH OFFLOAD STATION TO IDENTIFY MATERIAL
 AND VERIFY COUNT. REQUEST COUNTERPART BE ASSIGNED FROM SHIP'S PERSONNEL TO ASSIST
 CHECKERS IN VERIFYING TURN-IN MATERIAL.
 4. SECURITY RISK CATEGORY 1 OR 2 MATRL WILL BE OFFLOADED AND MOVED TO A STATION VAN
 AT THE HANDLING PIER. REQUEST A SHIP REPRESENTATIVE BE MADE AVAILABLE TO CONDUCT A
 JOINT INVENTORY OF THIS MATERIAL.
 5. REQUEST PROVIDE ORIG VIA MESSAGE A LIST OF MATERIAL SCHEDULED FOR OFFLOAD
 INCLUDING NALC, NSN, QTY, CONDITION CODE AND DOCUMENT NUMBERS. FOR MISSILES INCLUDE
 LOT/SERIAL NUMBERS, MDD'S. PLEASE INFO NAVAMMOLOGCEN MECHANICSBURG PA CODE 40/00F
 ON THIS MSG.
 6. AOC DET EARLE REQUIRES THAT ALL CONTAINERS WHETHER EMPTY OR LOADED BE INSPECTED
 FOR DAMAGE, (PUNCTURES,HOLES,ETC.) PRIOR TO BEING OFFLOADED FROM THE SHIP. A SHIP'S
 REPRESENTATIVE AND AOC DET EARLE REPRESENTATIVE WILL JOINTLY INSPECT AND AN EARLE
 FORM 8021/1 (1-91) WILL BE SUBMITTED FOR EACH CONTAINER AND A COPY KEPT ON FILE.
 ADDITIONALLY, SHIP IS RESPONSIBLE FOR PROVIDING A CONVENTIONAL DEFICIENCY REPORT
 (CODR) FOR EACH DAMAGED CONTAINER IAW REF C AND D.
 7. LOAD CONFERENCE MUST BE SET UP ONE WEEK PRIOR TO OFFLOAD DATE. PLEASE CONTACT
 POC TO ARRANGE A DATE AND TIME FOR THE CONFERENCE.
 8. ADHERENCE TO THE ABOVE PROCEDURES WILL ENABLE AOC DET EARLE TO SAFELY CONDUCT
 YOUR OFFLOAD, WHILE MAINTAINING ACCURATE ACCOUNTABILITY OF ALL AMMUNITION INVOLVED.
 YOUR COOPERATION IS APPRECIATED.//
 BT
 #0003
 NNNN

**VERTICAL LAUNCH SYSTEM (VLS)
PHS&T MATERIAL LISTING**

Ships that are equipped with the VLS MK 41 will require the following inert ordnance equipment during initial loadout and after any change in load composition, as required. The below material is required to maintain gas management during missile firings.

NOMENCLATURE	NALC	NSN
Canister Adapter Mk 18 Mod 0	4W66	1450-01-264-1897
Canister Adapter Mk 18 Mod 1	DWBV	1450-01-393-0447
Plenum Cell Cover Mk 18 Mod 0	4W67	1450-01-264-1898
Sill Assembly Mk 165 Mod 0	4W68	1450-01-264-1899
Sill Assembly Mk 165 Mod 1	DWBX	1450-01-392-8468
Sill Assembly Mk 170 Mod 0	DWBW	1450-01-392-8467

Canister Adapters, Sill Assemblies and Plenum Cell Covers are required to make use of the MK 41 VLS Launcher and to maintain gas management. When a MK 13 (Standard Missile SM-2, Block I, II/III), or MK 15 Vertical Launch ASROC (VLA) missile canister is present, a canister adapter is required in the cell. When a MK 14, (Tomahawk Missile) canister is present, a MK 165 Sill assembly is required in the cell. When a MK 21 (Standard Missile SM 2 BLK IV) canister is present, a MK 170 Sill assembly is required in the cell. When there is an empty cell a Canister Adapter and Plenum Cell Cover is required. When a SM 2BLK IV missile is present in a VLS Launcher module all cells in that module require a MOD 1 Canister Adapter or Sill Assembly that do not have a SM 2 BLK IV missile with a MK 170 Sill assembly.

When a SM 2 BLK IV is not present in a module the requirements are as follows:

SM 2 BLK II/III	Mk 18 Mod 0/1 Canister Adapter
Tomahawk	Mk 165 Mod 0/1 Sill Assembly
VLA	Mk 18 Mod 0/1 Canister Adapter
Empty Cell	Mk 18 Mod 0/1 Canister Adapter and a Mk 18 Mod 0 Plenum Cell Cover

When a SM 2 BLK IV is present in a module the requirements are as follows:

SM 2 BLK II/III	Mk 18 Mod 1 Canister Adapter
Tomahawk	Mk 165 Mod 1 Sill Assembly
VLA	Mk 18 Mod 1 Canister Adapter
Empty Cell	Mk 18 Mod 1 Canister Adapter and a Mk 18 Mod 0 Plenum Cell Cover
SM 2 BLK IV	Mk 170 Mod 0 Sill Assembly

NAVSUP P-724 Rev 3A, CONVENTIONAL ORDNANCE STOCKPILE MANAGEMENT

Ships equipped with the VLS MK 41 Launcher will have the following Packaging, Handling, Storage and Transportation (PHS&T) material as a set (per missile) provided for off-loads:

NOMENCLATURE	NALC	NSN
MK 13 Set F/Standard SM-2	DWAI	1450-01-370-3069
MK 14 Set F/Tomahawk	DWAJ	1450-01-369-7880
MK 15 Set F/VLA	DWAK	1450-01-369-7881

1. MK 13, 14, and 15 unit of issue is kit. Order one kit per missile.
2. The offload activity will requisition all PHS&T material.
3. The offload message will contain information outlined in paragraph 4.4.2(a).

SECTION 5: RETURN AND CONTROL OF REUSABLE AMMUNITION MATERIAL DETAILS AND NON-REUSABLE, EXPENDABLE CARTRIDGE CASES

Ref: (a) NAVSEA OP 4

(b) NAVSUP P-805 (Formerly NAVSEA TW010-AC-ORD-010)

(c) NAVSUP P-807 (Formerly NAVSEA TW010-AC-ORD-030)

(d) DOD 5160.65-M (Part 7)

(e) DOD 4160.21-M-1

(f) NAVSEAINST 4570.1 Series

4.5.1. Introduction.

Reference (a) assigns to end users of ammunition the responsibility for recovery and return of reusable details derived from the firing of an end round of ammunition. Using correct turn-in procedures saves manpower and money. Ordnance details must be offloaded to ordnance activities or Combat Logistics Force (CLF) ships to prevent the unnecessary logistics expenditure of weapons maintenance or procurement funds. References (b) and (c) provide inspection instructions which help identify those assets in Ready-For-Issue (RFI) and classification of Fleet return, rollback and retrograde of ammunition and ammunition details. The Ammunition Master Repairable List (MRL) provides the destination of those items that, when serviceable or require limited restoration or repair, should be returned when cost effective and when the effort required does not constitute an operational hazard, burden or liability. The Ammunition MRL can be accessed on the Naval Ammunition Logistics Center (NAVAMMOLOGCEN) web site at <http://www.nalc.navy.mil>. Normally, all details pertinent to the end round should be placed in the end round container, tagged "Ammunition Inert Items" and prepared for return to consignee in accordance with the procedures provided herein. In addition, a Release/Receipt Document, DD Form 1348-1A should be prepared as a Material Turned into Stores Document in accordance with instructions contained in Section II, Chapter 6, of reference (a) and Chapter 5, paragraph 5071, of reference (d).

4.5.2. Return of Reusable Ammunition Details Procedures.

a. End User Activities will accumulate reusable ammunition details derived from firing of end rounds and initiate appropriate action to effect an opportune shipment to return ammunition details.

b. Continental United States (CONUS) Transaction Item Reporting (TIR) stockpoints will transship offloaded reusable ammunition details to the consignee as designated on DD Form 1348-1A, record receipt of reusable ammunition details turned into stores on accountable records, report material in accordance with procedures contained in Section 3.4 of this publication and initiate appropriate action to effect an opportune shipment to return ammunition details.

c. CONUS TIR Stockpoints will conduct a physical inspection of all received reusable ammunition details in accordance with reference (b) and submit appropriate transaction reports to Naval Ammunition Logistics Center (NAVAMMOLOGCEN) as material is properly identified and condition/defect coded.

d. Consignees will record receipts on accountable records for all reusable ammunition details turned into storage and report material in accordance with procedures contained in section 3.3 of this publication.

e. Consignees will conduct a physical inspection of all received reusable ammunition details in accordance with reference (b) and submit appropriate transaction reports to NAVAMMOLOGCEN as material is properly identified and segregated.

f. All empty Hazardous Material (HAZMAT) containers must be inspected, certified empty and assigned a Material Condition Code in accordance with references (b) or (c) as applicable. All containers being returned must be complete with covers assembled to the container. This is required to prevent rusting of container interiors and entrance of foreign material into the containers, which causes an increase in cost for decontamination and cleaning. Containers that are bent or distorted so that the covers cannot be replaced are not acceptable and should be disposed of through normal property disposal channels. Fiber containers are to be placed in original box for return.

g. Shippers will ensure that inert components and packaging material derived from ammunition and hazardous chemical munitions are inspected for contamination by the activity generating the returnable item. All packaging material shall be opened to ensure that no hazardous chemicals or ammunition items are present. Qualified responsible personnel conducting the inspection of material shall submit a certificate of inertness as part of the turn-in documentation in accordance with the provisions of Chapter II, paragraph D1 of reference (e).

h. The MRL provides disposition instructions for ammunition details whose estimated average cost for return and refurbishment do not exceed 80 percent of the item replacement price. Disposition for ammunition details not included in the MRL or damaged beyond practical salvage costs should be requested in accordance with Chapter 5 Section 6 of this publication.

i. All ammunition details, except OT cog material, designated to be shipped to Army Ammunition Activity (AAA) Crane (W53XMD), Army Ammunition Plant (AAP) McAlester (W44XMF) or AAP Hawthorne (W65XME) are to be marked for the Routing Identifier (NCB) account. Marine Corps Class V(A) OT Cog material will be marked for Routing Identifier MHQ.

4.5.3. Turn-In Procedures for Cartridge Cases.

a. Fired cartridge cases including fired brass cases larger than 20 MM will be classified in accordance with reference (c) and turned in for appropriate processing.

b. Reference (e) directs the military services and defense agency activities to turn in all Copper-Based Alloy Ammunition Scrap to the Defense Reutilization and Marketing Offices (DRMOs) upon determining that material is not required for reuse. The following guidance is provided in determining disposition actions for Cartridge Cases:

(1) Condition Code - Unserviceable. This category includes the following:

(a) All small arms cases and 20MM cases derived from breakdown or firing,

(b) All fired steel cases larger than 20MM, except MK 9 Mod 0 (repairable),

(c) All steel cases larger than 20MM derived from breakdown and found to be defective beyond economical renovation,

(d) All fired brass cases larger than 20MM, and all brass cases larger than 20MM derived from breakdown which are defective beyond economical renovation.

c. All unserviceable cartridge cases that are beyond economical repair, with the exception of fired/expended cases including 20MM and 25MM, are to be reported to the Stockpile Manager for disposition authorization in accordance with procedures of Chapter 5 Section 6 of this publication.

d. Fired or expended cartridge cases are authorized to be transferred to the servicing DRMO, in accordance with reference (f), subsequent to individual round inspection certifying that the material does not contain live rounds or unfired primers and is free of explosive or other dangerous materials. Certification requirements of reference (e) applies.

e. Fired or expended cartridge cases that cannot be certified inert are to be transferred to the Servicing Special Account Property Disposal Officer (SADPO) and Special Defense Property Disposal Account (SDPDA)/N68259 or, if a SADPO is not assigned, report to the Navy Munitions Disposal Program Office (NALC 09A2), Naval Surface Warfare Center (NAVSURFWARCEN) (Code 4022), Crane, IN 47522 in accordance with reference (f) for designation of an appropriate disposal site.

f. Fired or expended cartridge cases (including 20MM and 25MM) should be returned to the nearest ammunition shore activity, except where operational readiness would be impaired. Dumping of fired/expended (non-reusable) cartridge cases at sea is not permitted unless retention would constitute an operational hazard, burden, or liability as determined by the Fleet Operational Commander. The principal steel cartridge cases are:

- (1) 40 MM
- (2) 76 MM
- (3) 5"/38 Cal.
- (4) 5"/54 Cal.

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SECTION 6: MANAGEMENT OF CARTRIDGE ACTUATED DEVICES (CADS) AND PROPELLANT ACTUATED DEVICES (PADS)

- Ref:
- (a) NAVAIR 11-100-1.1 Compact Disk (CD)
 - (b) NAVAIR 11-85-1
 - (c) OPNAVINST 5102.1 Series
 - (d) OPNAVINST 8000.16 Series
 - (e) NAVSUP P-803 (Formerly TW010-AA-ORD-010)
 - (f) CAD/PAD Resupply Training Compact Disk (CD)

4.6.1. Introduction.

a. Cartridge Automated Devices/Propellant Actuated Devices (CADs/PADs) are 2E Cog explosive devices used in Aviation Life Support Systems (ALSS) and Weapons Delivery Systems (WDS). ALSS includes such items as escape systems, fire extinguishing systems, survival kits, personnel parachutes, life rafts, life preservers, and other miscellaneous emergency, survival, and life support systems. WDS include all primary and secondary release systems used for stores separation.

b. Most CADs/PADs are installed aircraft parts requiring an issue to install transaction. The other CADs are stores release cartridges or target items that require expenditure reporting. Reference (a) lists stores and target items. Chapter 2 Section 2 of this publication explains Ammunition Transaction Reporting (ATR) transactions and expenditure reporting. These devices are procured and stocked for known replacement and expenditure requirements. Therefore, limited spares are procured and local stocking of CADs/PADs is not authorized, except as delineated within this section. References (a) through (f) provide policy, information, and additional procedures for the requisition processing, disposal, ammunition accounting, mishap reporting and required maintenance actions.

c. The CAD/PAD program has implemented a reengineered requisitioning, shipping and delivery process for Continental United States (CONUS) activities. The new process, described in paragraph 4.6.4.b permits CONUS maintenance activities to telephone, email or fax in orders using a toll free telephone number. Military Standard Requisitioning and Issue Procedures (MILSTRIP) issue, receipt, shipping and confirmation data is automatically generated. The new resupply process enables the customer to order CADs/PADs directly from the stockpoint 14 days prior to the Required Delivery Date (RDD) by calling 1-877-4CADPAD, Defense Switched Network (DSN) 354-6155, emailing to 18774CADPAD@ih.navy.mil, or faxing to DSN 354-4696. Detailed ordering procedures are available on a training CD-ROM, which can be obtained by calling 1-877-4CADPAD. This training CD describes detailed subprocesses for CONUS activities.

d. At this time, Outside Continental United States (OCONUS) activities requisition CADs/PADs under the prototype process that began in July of 2000. All activities were trained and/or given training CD's that explain the ordering process. The final OCONUS policy will be incorporated once the prototype is finished and the new process is approved.

e. Naval Ammunition Logistics Center (NAVAMMOLOGCEN) is designated as the Stockpile Manager for CADs/PADs and the Naval Surface Warfare Center, Indian Head Division (NAVSURFWARCN IHDIV) is designated as the Cognizant Field Activity (CFA) for CADs/PADs.

4.6.2. Inventory Management and Stock Distribution Procedures.

a. No activity, afloat or ashore, will requisition CADs/PADs for a maintenance action beyond the activity's assigned capability without authorization from the NAVSURFWARCEN IHDIV.

b. In accordance with reference (b), requisitioning of explosive sets are for complete aircraft change-outs only. Breaking of sets is NOT authorized without prior approval from the CFA at NAVSURFWARCEN IHDIV. The telephone number is commercial (301) 744-2225 or DSN 354-2225. Individual components needed to complete a set are normally procured on a limited basis and stocked to support accidental damage or breakage.

c. All CAD/PAD items have a Material Condition Code (MCC) of "K" or "B". Therefore, they are subject to the Periodic Lot Reporting (PLR) procedures that can be found in Chapter 2, Section 5.

4.6.3. Local CAD/PAD Stocking Guidelines.

CADs/PADs stockpile management and distribution is defined in the following six basic categories:

a. Expendable cartridges (stores release) shall be included in plans for war reserve, training, and prepositioning and may be directed by either the Chief of Naval Operations or Fleet/Marine Force Commands. In an effort to preserve the CADs/PADs inventory and prevent unnecessary loss of serviceable assets, Fleet Commanders-in-Chief (FLTCINCs) and NAVAMMOLOGCEN Ammunition Management Office Atlantic (AMMOLANT) Norfolk and Ammunition Management Office Pacific (AMMOPAC) San Diego rotate assets having two years or less of shelf life left to other operational units for expenditure. Expendable cartridges are not part of the new 1-877 re-supply process. Below is the list of expendable cartridges:

Table 4.6.1

Stores Release CADs Department of Navy Identification Code/Navy Ammunition Logistics Code (DODIC/NALC) Requisitioned Through the Normal Ordnance Supply System

MD58	MH88	M365
MD65	MT95	M509
MD66	M012	M519
MF29	M190	M934
MF60	M264	M943
MF64	M363	SS36

b. Maintenance activities are those Organizational, Intermediate and Depot Level activities authorized by the Source, Maintenance and Recoverability (SM&R) code to remove and replace items while in the conduct of performing scheduled or unscheduled maintenance. Maintenance activities are responsible for requisitioning CADs/PADs for maintenance or to replace expenditures by contacting NSWC Indian Head via Email, Fax, or Telephone to place orders.

c. CONUS activities are the Weapons/Ordnance Department of the coastal weapons activities, Naval Air Station (NAS), Marine Corps Air Station (MCAS), ALSS, Ordnance Department of a Marine Aviation Logistics Squadron (MALS) or Aircraft Intermediate Maintenance Department (AIMD). A CONUS Activity is defined as shore-based supporting stockpoint or ship tasked to stock CADs/PADs for issue to maintenance activities. These activities manage stock as delineated below.

(1) CONUS Activities (MCAS/NAS/NAVDEP)

(a) Each CONUS Activities can retain emergency stock for unexpected damage/discharge requirements. Orders for emergency stock can be requested by calling NAVSURFWARCEN IHDIV 1-877-4CADPAD. Orders must indicate the requirement by Squadron and Aircraft type. NAVSURFWARCEN IHDIV will generate a list of allowed emergency stock based on technical data and damage history. No more than the listed amount of an item is permitted regardless of the number of squadrons or aircraft type mix on-board. No other stocking for installed assets is authorized (including Load Plans).

(b) Due to limited inventory, PADs are not available to be stocked at SSPs. However, a stocking objective has been established to provide spares at Forward Deployed Stockpoints (FDSPs) and on Ships to provide support to deployed squadrons and to serve as replacements for damaged or discrepant devices.

(c) CONUS Activities perform a six-month review based on assigned aircraft and weapon systems and report excess CADs/PADs to NAVAMMOLOGCEN for redistribution.

(d) 1-877 Resupply Customer Receipt Procedures.

(1) All CADs/PADs are shipped directly to the Weapons Department at Naval Air Stations or to the MALS at Marine Corps Air Stations. Information required to receipt the items into ROLMS is included on paperwork attached to the outside of the package. The Weapons Department/MALS reports the receipt in ROLMS. As long as the tamper evident seal has not been damaged, the Weapons Department/MALS need not open the box(es) for inspection. Since all items are bundled by aircraft BUNO/customer, segregation for users is not necessary.

(2) If the package shows no visual evidence of damage, the Weapons Department/MALS contacts the activity in the "Deliver To" block of the invoice and delivers the shipment within one workday. If the activity is unable to receive the shipment, the Weapons Department/MALS holds the package in the station magazine until delivery can be made. Upon successful delivery, the Weapons Department/MALS reports the issue in ROLMS using an "issue to install" transaction.

d. Primary stockpoints are activities authorized for long-term storage of CADs/PADs. Secondary Collection Points report assets accumulated or received during off/onload operations to NAVAMMOLOGCEN for redistribution. Details on the Collection Points are listed in Table 4.6.2.

Table 4.6.2
Primary and Secondary CADs/PADs Collection Points

SITE	UIC	RIC
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NAVSURFWARCEN IHDIV	N00174	P62 Primary
NWS Seal Beach	N47615	P71 Primary (Stores Items Only)
AOC Yorktown	N00109	P72 Secondary
NUWC Div Keyport Div	N00253	P73 Secondary
AOC DET Earle	N60478	P65 Secondary
NAVMAG Indian Island, WA	N48537	NSY Secondary
NWS Seal Beach DET Fallbrook	N47618	P70 Secondary
NAVMAG Pearl Harbor	N68297	P69 Secondary

e. Ships

(1) Ships stock expendable (stores release) CADs required to support routine consumption during the planned deployment period for permanently assigned squadrons (NAVSEA 30,000 series allowance). Commanders-in-Chief (CINCs) and Type Commanders (TYCOMS) ensure the NAVSEA 30,000 Series Allowance List is updated prior to deployment. Table 4.6.1 provides a listing of stores release CADs that should be requisitioned through the normal ordnance supply system.

(2) Stock no more than emergency stock allowances generated by NAVSURFWARCEN IHDIV based on deploying aircraft. Emergency stock only includes items that have had a history of damage or discharge. If maintenance on aircraft is not accomplished before deployment, the Squadron/AIMD is responsible for ordering and coordinating delivery and storage with the ships Ordnance Handling Officer (OHO), Air Gunner, or Weapons Officer. The ship carries no maintenance assets unless ordered by the deploying squadrons or AIMD Paraloft personnel.

f. Forward Deployed Stock Points (FDSPs) for CADs/PADs have been established in four overseas locations. These locations are:

Table 4.6.3
Forward Deployed Stockpoints (FDSPs) for CAD/PAD

SITE/ACTIVITY	UIC	RIC
NAF Atsugi, JA	N62507	PYZ
MCAS Iwakuni, JA	N62613	P41
COMFLEACT Okinawa/Kadena	N62254	P39
NAS Sigonella, IT	N62995	Q18

(1) These activities stock emergency stock assets based on Aircraft types supported within the theater. The Weapons/Ordnance Department contacts NAVSURFWARCEN IHDIV to provide the aircraft data required to establish the emergency allowance list. FDSPs are permitted to stock one complete aircraft worth of emergency assets. Annually these activities update the Load Plan/Allowance List based on planned in-theater aircraft and weapon systems. Excess assets are reported to NAVAMMOLOGCEN Stockpile Manager for redistribution.

4.6.4. CAD/PAD Requisitioning Procedures.

a. FDSPs and CONUS Activities submit requisitions for stores release assets cited in Table 4.6.1 in accordance with Chapter 3 Section 1 of this instruction.

(1) Stores cartridges required for loadout because of pre-deployment inspections shall be included in the NAVSEA 30,000 series listing. Activities authorized to requisition stores shall do so upon receipt of an approved Mission Load Allowance (MLA) citing Project Code 853.

(2) Allowances for expendable CADs shall be established as required by Chapter 5, Section 2. Activities authorized to requisition to approved allowances cite Project Code 853. Requisitions for authorized training allowances will cite Project Code 878.

b. Automated CAD/PAD Requisitioning Procedures

(1) Orderers must be authorized in writing by the proper chain of command at each activity. An email and fax form that is used to obtain authorization can be found on the CAD/PAD Resupply Training CD. Requests can be submitted to the 1-877 phone/fax/email numbers listed in paragraph 4.6.1.c. Designated orderers will be provided an authorization code during the first telephone call following receipt of the completed authorization form.

(2) Authorized aircraft maintenance and aviation ordnance personnel order replacement installed CADs/PADs by calling NAVSURFWARCEN IHDIW at 1-877-4CADPAD. If a commercial line is unavailable, DSN 354-6155 may be used. Telephones are staffed between the hours of 0830-1700 Eastern Standard Time (EST), Monday through Friday, with the exception of holidays. Calls made outside of normal business hours and calls that get busy signals can be answered by voice mail. Alternately, customers may submit orders via email to: 18774CADPAD@ih.navy.mil, or via FAX: DSN 354-4696 or commercial (301) 744-4696.

(3) The automated resupply process enables maintenance activities to telephone, email or fax in orders using a toll free telephone number or email address. Callers must provide name, authorization code, unit designation, activity Unit Identification Code (UIC) of the orderer and UIC of the activity to which items are to be shipped if other than home station. The program automatically creates the properly formatted transactions to update Retail Ordnance Logistics Management System (ROLMS) and Conventional Ammunition Integrated Management System (CAIMS). The new resupply process enables the customer to order CADs/PADs directly from the stockpoint 14 days prior to the Required Delivery Date (RDD) for maintenance, by calling/faxing the order to the numbers listed in paragraph 4.6.4.b. (2). The ordering procedures as well as samples of forms and checklists are available on reference (f). CDs can be obtained by calling 1-877-4CADPAD.

(4) At the stockpoint, order processors validate customer requirements using projected maintenance schedules and other program technical data. All items ordered in support of Aircraft maintenance are bundled by aircraft BUNO/customer and issued from the consolidated stockpoint at the NAVSURFWARCEN IHDIW. Orders containing only CADs are shipped via small package commercial carrier. Orders that include a PAD are shipped via commercial truck. All shipments are directed to the Weapons Department or MALS. Whenever possible, CAD shipments destined for the same location are consolidated with PAD truck shipments to minimize transportation costs. The Weapons Department/MALS are not required to open boxes since shipments are bundled and marked for delivery to the ordering unit.

(5) The Weapons Department/MALS reports the receipt of the shipment into ROLMS and transfers the shipment directly to the orderer. Weapons Departments maintain a limited inventory of emergency spares to be used for immediate replacement of items inadvertently damaged or discharged.

(6) CADs/PADs shall be requisitioned only for the following reasons:

(a) Expiration of service life.

(b) Service life of the item(s) will expire and require replacement during deployment or before the next scheduled maintenance inspection (requisition remarks should indicate the reason).

(c) The items have been rendered unserviceable by physical damage and/or found discrepant during inspections, etc. Requisitions must cite applicable Conventional Ordnance Deficiency Report (CODR), Quality Deficiency Report (QDR), Supply Discrepancy Report (SDR), or Explosive Mishap Report (EMR) number and Date Time Group (DTG) of message. One of these reports must be submitted to NAVSURFWARCEN IHDIV (Attn: CAD/PAD Dept) with information copy to NAVAMMOLOGCEN for each incident in which PAD requisitions are submitted.

(d) Compliance with NARs and Technical Directives.

(e) The items are contingency stock in accordance with the approved quantities for each type of aircraft listed in reference (c).

(7) The frequency and lead-time for ordering CADs/PADs using the automated process depends on the type of requirement and application. These categories include Routine Weapons System Maintenance, Standard Depot Level Maintenance (SDLM), Paralofts, Targets, Items Damaged, Fired or Suspected Fire, Air Station Emergency Stock, CONUS Deployment, and OCONUS Air Station Deployment.

(a) Routine Weapons System Maintenance. For aircraft with scheduled inspections, orders are placed in accordance with scheduled inspection cycles (e.g. 224 day, 448 day or 728 day). Fourteen (14) days prior to the scheduled maintenance date, the customer calls 1-877-4CADPAD, providing the order processor with the aircraft BUNO and planned maintenance date. The order processor confirms the installation and expiration dates for each CAD/PAD installed. All CADs/PADs that are due to expire prior to the next scheduled maintenance is ordered for replacement. For aircraft, helicopters, and other equipment without scheduled inspection cycles, maintenance activities order all items due to expire within 365 days to ensure that CAD replacements are limited to once per year.

(b) SDLM. CADs/PADs required for SDLM are ordered 14 days prior to installation in the aircraft. During the SDLM process, CADs may be installed at various times during aircraft rework. Therefore, CADs/PADs required for installation during SDLM are ordered as required to support the SDLM schedules, but no more than 14 days prior to planned installation.

(c) Paralofts. Assets required for change-out in aircrew survival equipment (e.g. life vests) are ordered when down to a 30 day supply. Order CADs that will be required to meet

the next 90 days requirements. The orderer will be asked to provide the number of assets on hand as well as the number of assets required for each DODIC at the time of the order. Orders will be bundled for each customer allowing multiple DODICs to be ordered during one call.

(d) Targets. CADs required for target applications (i.e., AQM-37, BQM-34, BQM-74, and TDU-32/34) are ordered when down to a 30-day supply, ordering to meet the next 90-day requirement. The orderer will be asked to provide the number of assets on-hand as well as the number of assets required for each DODIC at the time of the order. Orders are bundled for each customer, permitting multiple DODICs to be ordered during one call. CADs/PADs for full-scale targets such as the QF-4N are ordered in accordance with procedures cited for Routine Aircraft System Maintenance in paragraph 4.6.4.b.(7)(a).

(e) Items Damaged, Fired or Suspected Fire. Replacements for items damaged, inadvertently actuated, and fired, or otherwise suspected of being fired may be available within local Weapons Department's emergency stock. The maintenance activity checks with the local Weapons Department/MALS to confirm that the item is available on station and then calls 1-877-4CADPAD to obtain a Military Standard Transportation Reporting and Accounting Procedures (MILSTRIP) document number to permit the Weapons Department/MALS to issue the item out of local stock. Another order is then processed routinely (within 14 days) to replenish the Weapons Department's emergency stock. If the item is not available locally, NAVSURFWARCEN IHDIV issues the order within one workday or the same day if the requirement is identified by 1000 hours EST. The order is shipped using the most expeditious and appropriate mode of transportation.

(f) Air Station Emergency Stock. Emergency stock is supplied on items that have a recorded damage history to support permanently assigned aircraft (paragraph 4.6.3.c(1)(a) provides guidelines for stocking). After the initial emergency stock delivery, replacement assets should only be ordered for newly assigned aircraft or expiration of shelf/service life. For new aircraft and equipment, NAVAMMOLOGCEN and NAVSURFWARCEN IHDIV determine the stock level required. NAVSURFWARCEN IHDIV provides a proposed emergency stock list via email/fax for concurrence by the ordering command. Upon concurrence NAVSURFWARCEN IHDIV generates the required MILSTRIPs and processes the order. To replace assets going overage, the orderer provides the DODIC, lot number, and replacement quantity.

(g) CONUS Deployment. When deploying within CONUS routine automated procedures apply. The orderer completes the appropriate checklist and orders required CADs/PADs 14 days prior to the Required Delivery Date (RDD). The orderer provides the destination, and Weapons Department/MALS UIC where the CAD/PADs are to be delivered.

(h) Deployment to OCONUS Air Stations. Units planning deployment to OCONUS sites order and perform maintenance prior to the deployment. Maintenance activities shall review their records SEATS/ICAPS or history cards to identify assets coming due through the deployment period. Order the required parts 14 days prior to planned maintenance date under established CONUS order procedures.

If the need arises for replacement maintenance assets at the OCONUS site, the orderer needs to follow the resupply lead times listed in reference (f). The orderer will designate the OCONUS site as delivery destination, providing supporting weapon station/MALS information as required. Before returning CONUS, maintenance activities again check their records. They order assets

for maintenance 14 days before the planned maintenance date, specifying their home base as the point of delivery.

(i) Air Force Type Aircraft CADs. Authorized activities shall submit requisitions for Air Force type aircraft (F-5E/F, T-38A and E-6A) to NAVAMMOLOGCEN in accordance with Chapter 3 Section 1 of this publication. CAD/PAD items not listed in either reference (f) or in CAIMS must be processed manually. Requisitions shall submit the following information in a Naval message: NSNs and complete descriptive data (i.e., part number, manufacturer, nomenclature, and type aircraft being supported).

c. Ordering Procedures for Ships with Deploying Squadrons.

(1) Below are the procedures that exist for ordering CADS/PADS for deploying ships. Large deck ships (CV/CVNs/LHA/LHDs) with deploying airwings follow the first set of guidelines and Surface Combatants (CG/FFG/DDG/AO/AOE) who host a support helicopter follow the second.

(a) On ships with deploying airwings, CAD/PADs needed for emergency stock aboard shall be ordered twenty-one days before the material is required dockside for receipt and on-load. Before the first work up, the ship's Weapons Officer/Air Gunner, OHO or Ammunition (AMMO) Accountant calls 1-877-4CADPAD and identifies the squadrons and aircraft types that will deploy with the ship. The caller also provides the name and UIC of the base where the items will be on-loaded and the required dockside date. (The dockside date should be coordinated with the supporting station Weapons Department to ensure adequate support is available for the material receipt and transfer function).

(1) Using aircraft configuration data and CAD/PAD technical data, NAVSURWARCEN IHDIIV generates the recommended load plan based on the items with a documented history of damage or discharge. NAVSURWARCEN Indian Head Division emails the recommended plan to the OHO/Carrier Air Group (CAG) Gunner/Carrier Air Group Maintenance Officer (CAGMO)/Air Gunner/Weapons Officer/AMO as appropriate for concurrence. The recipients provide concurrence or comments, usually within one workday. After concurrence, but not less than fourteen days before the dockside date, NAVSURFWARCEN IHDIIV produces the final load plan (emergency stock), generates the MILSTRIPs, and processes the order. Items are bundled and delivered to the designated base for transfer to the ship. The order confirmation report is provided to the OHO, CAG Gunner and Weapons Officer as applicable at the supporting base.

(2) On ships with deploying air wings, CADs/PADs required for air wing maintenance shall be ordered twenty-one days before the dockside date. During deployment planning phase, the CAGMO will advise the deploying squadrons and supporting AIMDs to order any CADs/PADs due to expire during the deployment. The CAG Gunner/Ship's OHO on CV/CVNs or Air Gunner/Weapons Officer on LHA/LHDs determine the location and dockside date when the maintenance CADS/PADS are to be available for on-load. The CAGMO or AMO provides this information to the deploying squadrons and supporting AIMDs twenty-one days before the dockside date. Not less than fourteen days prior to the dockside date, the squadrons and supporting AIMDs call 1-877-4CADPAD to place their order. The base where the ship is loading is the "ship to" location and "mark for" the ship/squadron name. The OHO/Weapons Officer manages the assets on-board until called for to perform maintenance or change-out.

(b) Surface Ships with a deploying helicopters shall order and stock emergency CADS beginning with the pre-deployment work-up cycle and retain on-board until a full weapons offload is required. Twenty-one days before the dockside date, the ship's authorized orderer calls 1-877-4CADPAD and provides the squadron/aircraft type/model/series, and on-load date/location. The stockpoint will bundle items for delivery to the designated base for further transfer to the ship.

(1) Maintenance requirements are the squadron responsibility. They should be ordered in accordance with routine maintenance procedures described in paragraph 4.6.4.b.(2)&(3). If maintenance can not be accomplished before deployment, the squadron will coordinate with the ship Weapons Department to determine on-load date and location. The ship carries NO maintenance assets unless ordered by the deploying squadrons or AIMD personnel.

(2) When full weapons off-load is required, the ship will coordinate disposition with the CAD/PAD Stockpile Manager at NAVAMMOLOGCEN, Mechanicsburg, PA. All serviceable CADS/PADS will be returned within 90 days after offload under the Stockpile Manager's direction.

d. OCONUS Ordering Procedures.

All deployed ships and Air Stations carry emergency stock for CAD/PADs that have damage history. Additionally, spare CAD/PAD assets are stocked at Forward Stockpoints to provide replacements for all items employed in aircraft operating in-theater.

(1) Maintenance activities with an emergency need for a CAD or PAD should check with the local Weapons Department/MALS to determine if the required item is available for issue. When available locally, the Maintenance Activities should obtain the asset for installation. The maintenance activity will then place an order with the CAD/PAD stockpoint under the procedures provided in paragraph 4.6.4.b(7)(e), noting that the asset was obtained from local emergency stock and providing the local document number. The stockpoint will direct replenishment to the designated Weapons Department/MALS for restocking using the lead-time for resupplying the ordering location. The stockpoint ships the replenishment item to the station or ship as required.

(2) In-theater issues from Forward Stockpoints are under the direction of CTF-63 or Commander, Logistics Forces, Western Pacific (COMLOGWESTPAC). When unavailable locally, the OHO/Weapons Officer submits a MILSTRIP to CTF-63 or COMLOG WESTPAC as appropriate. MILSTRIP data can be submitted either via email or naval message, providing a copy to the supporting Weapons Department/MALS. CTF-63/COMLOG WESTPAC inputs the document into CAIMS, sourcing an in-theater activity that has the required assets. The issuing activity should place a replacement order for emergency stock following the procedures provided in 4.6.4.b(7)(e).

(3) When assets are unavailable at any Forward Stockpoint CTF-63/COMLOG WESTPAC cancels the MILSTRIP and places an emergency order within the 1-877-4CADPAD process using the procedures provided in paragraph 4.6.4.b(7)(e).

e. 1-877 Resupply Confirmation Procedures.

An Order Confirmation Report that includes the order number, date, unit information, BUNO (if applicable), items ordered, MILSTRIP data, shipment date, and shipper information (i.e. Air Bill/Government Bill of Lading (GBL), phone number, Universal Resources Locator (URL), is emailed or FAXED confirming placement of the order. A copy of the report is sent to the ordering unit, supporting Weapons Department/MALS, and other designated addressees. For emergency orders (equivalent to PRI-03-999) Order Confirmation Reports are emailed to Air Wing and Type Commander representatives.

f. Requisition Status for Tracking CAD/PAD Orders.

Customers can track order status by calling the carrier or by calling the CAD/PAD stockpoint at NAVSURFWARCEN IHDIV. The order confirmation report identifies the carrier, including telephone numbers and web address if available. This report also includes the GBL number or the carrier's tracking number.

4.6.5. CAD/PAD Disposition/Redistribution Instructions.

NAVSURFWARCEN IHDIV routinely receives fleet-returned CAD/PADS, including assets designated for disposal and assigned to the DEMIL account. NAVSURFWARCEN IHDIV is not funded as a disposition site, accordingly, proper segregation and shipment saves handling and transportation funds. Therefore, assets placed in CC "K" (Condition Unknown) shall be segregated with their true condition determined within 45 days. CC "K" assets shall not be shipped to NAVSURFWARCEN IHDIV unless directed by NAVAMMOLOGCEN. Disposition of excess and overage assets falls under one of five processes synopsized below:

a. Return of Excess Serviceable CADs/PADs. Serviceable assets that are excess to local needs shall be identified to NAVAMMOLOGCEN for redistribution. Weapons/Ordnance Departments shall contact the NAVAMMOLOGCEN by Email or naval message, providing DODIC, stock number, lot number, quantity, and CC. NAVAMMOLOGCEN will provide redistribution documents including RDD through CAIMS/ROLMS. Excess assets may be directed into the DEMIL account for further disposition. Weapons/Ordnance Departments will redistribute assets by the RDD requested.

b. Disposition of Repairable CADs/PADs

(1) All unserviceable CADs/PADs identified in references (a) through (c) as repairable shall be turned into the Weapons/Ordnance Department or MALS. Condition Code "F", and applicable Defect Code will be assigned to all repairable items exceeding the prescribed service life.

(2) Mark shipping documents (DD Form 1348-1A).

(a) CADs will be annotated, "SERVICE LIFE EXPIRED: REPAIRABLE CAD".

(b) PADs will be annotated, "SERVICE LIFE EXPIRED: REPAIRABLE PAD". The DD Form 1348-1A will also include the PAD Model (MK/MOD, CKU, etc.), lot number, and serial number.

(3) All Weapons/Ordnance Departments and MALS Departments will be responsible to perform the following:

(a) Assign a material Condition Code "F" to unserviceable but repairable CADs/PADs.

(b) The activity will report the material Condition Code change to the NAVAMMOLOGCEN via a ATR or a Transaction Item Reporting (TIR) as required by Chapter 2 Section 3 or Section 4 of this publication.

(c) Repairables should be accumulated and called in quarterly for disposition. Specific shipping instructions for returning or disposing of CADs/PADS will be from the Stockpile Manager at NAVAMMOLOGCEN Mechanicsburg, PA DSN 430-2017 or Comm. 717-605-2017.

c. Return of Assets for Quality Evaluation (QE).

(1) CAD/PADS for QE (reliability and serviceability testing) shall be returned as directed. NAVSURFWARCEN IHDIV periodically recalls QE assets by naval message. These assets shall be marked Condition Code "D" for identification during shipping. The material shipping containers and documents (DD Form 1348-1A) must be clearly marked with the words, "SURVEILLANCE SAMPLE MATERIAL". To provide complete test data, maintenance activities must ensure that QE assets are marked or tagged with complete "installed" data including open date (for CADs), aircraft/equipment type and BUNO or SERNO, installed date, and removed date. Weapons/Ordnance Departments contact NAVSURFWARCEN IHDIV by email at CADPADQE@ih.navy.mil or phone (DSN 354-2323, 301-744-2323) to obtain redistribution (MILSTRIP) document numbers prior to shipping any QE asset. Weapons/Ordnance Departments will relocate assets by the RDD requested.

(2) Both Naval Air Systems Command (NAVAIRSYSCOM) and Naval Sea Systems Command (NAVSEASYSYSCOM) are responsible for determining the need for surveillance/service life evaluation testing. As the CFA for CADs/PADS, NAVSURFWARCEN Indian Head identifies, selects, and tests a population of CADs/PADS as required samples for the surveillance/service life evaluation program. The physical movement of test samples from point of origin to the appropriate test location is the responsibility of NAVSURFWARCEN Indian Head. NAVSURFWARCEN Indian Head will identify samples needed quarterly by naval message to Address Indicator Group (AIG) 6967.

d. Return of CAD/PAD Assets for Engineering Investigation (EI). Return of assets for EI. Assets for EI shall be shipped by the fastest available traceable means as requested by NAVSURFWARCEN IHDIV. EI exhibits shall be marked Condition Code "J" for identification during shipping. NAVSURFWARCEN IHDIV provides the reporting activities specific marking and shipping instructions including a Federal Express account number or MILSTRIP for the return of the investigative sample. Fleet maintenance and Weapons/Ordnance activities must comply with the marking and shipping instructions diligently to prevent loss critical investigative evidence. Return of EI samples by MILSTRIP shall be assigned transportation priority 03 to assure timely receipt.

(1) Report all CADs/PADS suspected of being defective, malfunctioning, or inadvertently fired to NAVSURFWARCEN IHDIV as required by references (c) and (d). NAVSURFWARCEN IHDIV will determine the need for an Engineering Investigation (EI) upon receipt of an EMR, QDR, Hazardous Material Report (HMR), Engineering Investigation Request (EIR), or CODR.

(2) If an EI is requested, NAVSURFWARCEN IHDIV will advise the originator and the holding activity (Weapons/Ordnance Department or MALS) concerning disposition of the suspect material.

(a) The Weapons/Ordnance Department or MALS will be directed to place the CADs/PADs in material Condition Code "J", pending EI.

(b) A material Defect Code will also be assigned if applicable informing personnel to hold the CADs/PADs until disposition instructions are received.

(c) A naval message released by the NAVSURFWARCEN IHDIV will identify:

1. The assigned EI control number,
2. The turn-in document number, and
3. Shipping instructions.

(3) Maintain material in an "as is" condition, ensuring that the EI control number appears on all documents, exhibits, and packaging.

(4) Prior to shipment of the CADs/PADs, an activity shall:

(a) Turn in the EI exhibit to the nearest CONUS/OCONUS Activity

(b) The activity shall receive the CADs/PADs and report a receipt transaction to the NAVAMMOLOGCEN for incorporation into the CAIMS database, and

(c) Package and clearly mark the CADs/PADs shipping containers and documents with, "ENGINEERING INVESTIGATION MATERIAL". It is recommended that the shipping activity use NAVSUP Form 1398. (Any case numbers or office codes identified by NAVSURFWARCEN IHDIV shall also be included to ensure the material arrives at the proper destination).

e. Disposition of Non-Reparable Condition Code "H" Overage Assets. Weapons/Ordnance Departments shall segregate and report assets available for disposition through ROLMS/CAIMS. NAVAMMOLOGCEN reviews CAIMS records on the 16th of each month and provides direction for disposition. NAVAMMOLOGCEN additionally inputs requests from non-automated activities into the system, providing disposition direction within 2 - 3 days. Weapons/Ordnance Departments will relocate assets as directed.

NOTE

Do not ship Condition Code "H", (over age) or excess assets to NAVSURFWARCEN IHDIV unless directed by NAVAMMOLOGCEN.

4.6.6. Service Life Expiration.

a. Most CADs have two types of service life criteria, shelf life and installed life. PADs have one service life. Additionally, most of these devices have a minimum service life that applies only to assets issued from Primary and Secondary Stockpoints and FDSPs. Refer to

references (a) through (c) for specific minimum service life information or access the CAD/PAD Support website identified in Table 2.5.1. This limit reduces the shelf life as required to ensure material received by Supporting Stockpoints will achieve a full maintenance cycle when installed in the aircraft, if applicable.

b. Primary and Secondary Stockpoints and FDSPs will normally issue devices that meet the minimum shelf life. When no other material is available, the NAVAMMOLOGCEN may direct the issue of material that does not meet the criteria. Primary and Secondary Stockpoints and FDSPs shall assign Condition Code "B", and applicable Defect Code to all material that does not meet the minimum shelf life. This material will remain in Condition Code "B" until the full service life expires.

c. CADs not listed in the Contingency Stock Tables in references (a) and (b) will follow normal downgrade using applicable condition codes and defect codes.

d. Items issued to foreign governments will be on a newest available basis. Advise NAVAMMOLOGCEN by message prior to issuing CADs/PADs to foreign governments when a minimum of four years shelf life is not remaining.

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SECTION 7: SONOBUOY STOCKPILE MANAGEMENT

Ref: (a) NAVSUP P-801 (Formerly NAVSEA TW024-AA-ORD-010)

4.7.1. Introduction.

The threat to surface ships from potential underwater sources requires the detection, localization, and identification of underwater objects. While Navy ships and submarines use organic sonar devices, sonobuoys are the principal commodity used by Naval Airborne Anti-Submarine Warfare (ASW) forces to detect underwater threats. Periodic Lot Reports (PLR) are submitted monthly by activities handling and storing sonobuoy assets. Sonobuoys are an allocated commodity.

4.7.2. Sonobuoy Stockpile Management Procedures.

a. All sonobuoys (Cogs 8U and 2E) have been assigned a Material Condition Code (MCC) of "K" which requires PLR, on a monthly basis in accordance with the procedures cited in Chapter 5 Section 6.

b. Due to shelf life considerations, a concerted effort is made by Naval Ammunition Logistics Center (NAVAMMOLOGCEN) and Fleet activities to ensure that stocks are rotated to operating units for expenditure to prevent unnecessary loss of serviceable assets. Sonobuoy service life extensions can be found on the NSWC Crane Sonobuoy website identified in Table 2.5.1 of this publication. Authorization to extend shelf life/service life can be obtained from either:

(1) Program Executive Office (AIR) ASW, Assault and Special Mission Programs (PMA-264), or the

(2) Naval Surface Warfare Center (NAVSURFWARCEN), Crane Division, Code 6074 Assistant Program Manager, Logistics (APML).

c. The explosive nature of the AN-SSQ-110 sonobuoy requires that it be on/offloaded in pre-approved designated areas capable of handling Class 1.1 (Class A explosives).

d. All ships, activities, Defense Depots, Navy Research Laboratories, Fleet Industrial Support Center (FISC) and Atlantic Fleet (LANTFLT)/Pacific Fleet (PACFLT) afloat units shall report material condition code changes to Conventional Ammunition Integrated Management System (CAIMS) via Ammunition Transaction Reporting (ATR) or Transaction Item Reporting (TIR) within 48 hours of reclassification.

4.7.3. Sonobuoy Requisitioning Procedures.

Activities authorized to request sonobuoys will follow the procedures outlined in Chapter 3 Section 1 of this publication.

4.7.4. Sonobuoy Returns and Turn-In Procedures.

a. Activities holding 8U Cog sonobuoys that have been deemed to be in excess of requirements or have been rendered unserviceable will utilize the following turn-in procedures.

(1) Serviceable sonobuoys. Defense Depot Norfolk (DDNV) and Defense Depot San Joaquin (DDJC) are the East and West Coast hubs for turn-in of sonobuoys. LANTFLT and PACFLT ships/activities returning serviceable sonobuoys should turn them in to the nearest FISC For Further Transfer (FFT) to either DDNV ((Unit Identification Code (UIC) N00189) or DDJC (UIC W62G2T). An accompanying DD Form 1348-1A must identify the FISC as the first destination and the appropriate Defense Depot as the second destination. The FISCs will process Fleet returns FFT.

(2) Unserviceable sonobuoys. Disposition will be requested from NAVAMMOLOGCEN for assets deemed unserviceable due to expired shelf life, damage, or as a result of a NAR as published in reference (a) or equivalent naval message. Sonobuoy shelf life data can be accessed from the NSWC Crane Sonobuoy website identified in Table 2.5.1.

(a) Ships will receive instructions for disposition. Disposition instructions, provided by NAVAMMOLOGCEN, will include the final destination, document number, Transportation Accounting Code (TAC), and Disposal Authorization Code (DAC).

(b) Shore activities will receive Disposal Release Order (DRO). Additional guidance and information regarding DROs can be found in Chapter 5 Section 2 of this publication.

b. Western Pacific (WESPAC) area deployed units will turn-in sonobuoy assets to the nearest stockpoint as directed by the Commander, Logistics Force Western Pacific (COMLOG WESTPAC).

c. Mid Pacific (MIDPAC) surface/aviation units will turn-in sonobuoy assets to FISC Pearl Harbor (UIC-N00604).

d. Mediterranean area shore and deployed activities/units will turn in sonobuoy assets to the nearest stockpoint as directed by the Commander, Task Force 63 (CTF-63).

4.7.5. Sonobuoy Ship Offload Procedures.

a. Receiving activities will ensure accurate documentation of assets being offloaded. A separate DD Form 1348-1A will accompany sonobuoys of either different National Stock Number (NSN) or Condition Code.

b. All ordnance activities (ammunition reporters) that receive sonobuoys will submit either an ATR or TIR as required by Chapter 2 Sections 3, 4 or 5 of this publication.

c. Combatant ships will not offload sonobuoy stockpile unless one of the following exists:

(1) Ship is scheduled for yard work requiring a period in excess of one year.

- (2) Ship is being decommissioned.
- (3) Sonobuoys have been identified as unserviceable.
- (4) As directed by higher authority.

4.7.6. Sonobuoy Disposal Procedures.

Disposal of sonobuoys will be accomplished with the procedures outlined in Chapter 5 Section 6 of this publication.